1694. | — | An | Almanack | of the Coelestiall Motions, Aspects | and Eclipses, &c. For the Year of | our Lord God, MDCXCIV. | And of the World, | 5643. | Being the Second after Bissextile or Leap | Year, and of the Reign of Their Ma- | jesties William and Mary King | and Queen of Great Brittain, France, | and Ireland &c. (which began | Feb. 13. 1688, 9.) the Sixth Year. | Calculated for the Meridian of Boston in | N. E. 69. deg. 20. min. to the Westward | of London, & 42. deg. 30. min. North | Latitude, but may indifferently serve the | most part of New-England. | — | By Philo-Mathemat. | — || Boston, Printed by B. Green, for Samuel | Phillips, near the South-East end of the Ex- | change, by the Rose & Crown Tavern. 1694. 16mo. pp. (16).

Titlepage, surrounded by a line of border pieces, *verso*, "1694," vulgar notes, zodiac, etc.; 12 pp. January to December; 1 p. "Of the Eclipses which will happen this Year | 1694"; 1 p. "A Postscript Concerning the Tides, Weather, &c."

Proc. Mass. IX. 499.

At a meeting of the Historical Society, on May 12, 1892 (Proceedings, 2d series, VII. 414, 415), I stated the reasons for supposing that William Brattle was the author of the Almanac for 1694, but by an oversight in the description of the pamphlet in the foregoing list his name was omitted.

(One part of 128.14)

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C7

1694. 1694

AN

ALMANACK

Of the Cœleſtiall Motions, Aſpects and Eclipſes, &c. For the Year of our Lord GOD, *M DC XC IV.* And of the World,

5643.

Being the Second after Biſſextile or Leap Year, and of the Reign of Their Majeſties **William** and **Mary** KING and QUEEN of Great *Brittain, France*, and *Ireland &c.* (which began **Feb.** 13. 1688,9.) the Sixth Year.

Calculated for the Meridian of **Boſton** *in* N.E. 69. *deg.* 20. *min. to the Weſtward of* **London**, & 42. *deg.* 30. *min. North Latitude, but may indifferently ſerve the moſt part of* **New-England.**

By *Philo----Mathemat.*

Boſton, *Printed by* B. Green, *for* Samuel Phillips, *near the South-Eaſt end of the Exchange, by the Roſe & Crown Tavern.* 1694.

The Vulgar Notes of this Year are

Prime or Golden Number. 4 { *Epact* ---------- 4
Cycle of the Sun ---------- 23 { *Dominic Letter* ---- G.

The Usual Characters and Terms Explained.

The Characters of the Twelve Signs;

♈ ♉ ♊ ♋ ♌ ♍ ♎

Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra,

♏ ♐ ♑ ♒ ♓

Scorpio, Sagitarius, Capricornus, Aquarius, Pisces.

Of the Planets and Nodes

♄ ♃ ♂ ☉ ♀ ☿ ☽

Saturn, Jupiter, Mars, Sun, Venus, Mercury, Moon.

Dragons head ☊ *Dragons tail* ☋

Of the Aspects.

☌ ⚹ □ △ ☍

Conjunction, Sextile, Quartile, Trine, Opposition.

A Planet is said to be

Apogæon } when { *Farthest from the Earth.*
Perigæon } { *Nearest to the Earth.*
Orientall } { *Rising before the Sun.*
Occidentall } { *Setting after the Sun.*
Direct } { *mooving accord. to the order of Sign*
Retrograde } { *mooving contra. to the order of Sign*

The Suns Ingress into the 4 Cardinal Point

☉ *Enters* ♈ *March* 9. *day.* 7. *h.* 36. *min.*
♋ *June* 10. *day.* 9. *h.* 41. *min.*
♎ *Septemb.* 12. *day.* 1. *h.* 38. *min.*
♑ *Decemb.* 10. *day.* 13 *h.* 46. *min.*
} P. M.

Note, At what times and places the *Quarter Sessions* are held, is also to be held an Inferiour Court of *Common Pleas.*

January hath 31 dayes.

Full Moon 1 day 47 *min.* past 6 morn.
Last Quarter 8 day 16 *min.* past 3 after.
New Moon 15 day 37 *min.* past 8 morn.
First Quarter 23 day 2 *min.* past 3 morn.
Full Moon 30 day 57 *min.* past 10 night.

M.	*W.*	*Plan. Asp.*	*Courts &c.*	*R.*	*S.*	*Opp.*	*pl.*	*H.*	*Wat.*
1	2	☽ Eclipsed Visible		7	25	5	22 ♍	08 ♋	11 15
2	3	Qu. Sess. Branstable, & Wells		7	25	5	13	09 ♌ 7	12 06
3	4			7	24	5	24	10	12 58
4	5			7	23	5	25	11 ♍ 2	1 50
5	6			7	22	5	26	13	2 41
6	7			7	21	5	27	14 ♎ 0	03 32
7	G	☌☉☌ & ♂ Occidental.		7	21	5	28	15	04 24
8	2			7	20	5	29	16 ♏ 12	05 15
9	3	Qu. Sess. Bristol ☽ Perigæon		7	19	5	00 ♒	17 ☉	06 07
10	4	☿ Direct		7	18	5	01	18	06 58
11	5			7	17	5	02	19 ♐ 10	07 50
12	6			7	16	5	03	20	08 41
13	7	♂ ☍ ☽		7	15	5	04	21 ♍ 9	09 32
14	G	☽ ☌ ♄ (Month		7	14	5	05	22	10 24
15	2	No very High Tides this		7	13	5	06	23 ♒ 8	11 15
16	2	♄ in 29 Deg. ♐ Direct		7	12	5	07	24	12 03
17	4	♆ in 17 Deg ♋ Retrograde		7	11	5	08	25 ♓ 6	12 51
18	5	♂ in 24 Deg ♋ Retrog.		7	10	5	09	26	01 39
19	6	♀ in 27 Deg ♓ Direct		7	09	5	10	27 ♈ 2	02 27
20	7	♀ in 16 Deg ♍ Direct		7	08	5	11	28	03 15
21	G			7	07	5	12	30	04 03
22	2	□ ♄ ♂		7	06	5	13	30 ♉ 8	04 51
23	3	☽ Apogæon		7	05	5	14	31	05 39
24	4			7	04	5	15	32 ♊ 2	06 27
25	5	♂ ☌ ♀		7	03	5	16	33	07 15
26	6			7	02	5	17	34	08 03
27	7	☽ ☍ ♆		7	00	5	18	35 ♋ 8	08 51
28	G	☌ ♂ ☽		6	59	6	19	35	09 39
29	2			6	57	6	20	36 ♌ 3	10 27
30	3	Superiour Court Charlstown		6	56	6	21	37	11 15
31	4			6	54	6	22	38	12 03

February hath 28 dayes.

Last Quarter 6 day 30 *min.* past 10 night.
New Moon 13 day 13 *min.* past 10 night.
First Quarter 21 day 24 *min.* past 8 night.

M.W. Plan. Asp. Courts &c. R. ☉ S. ☉ pl. ☽ pl. H.W.

1	5						6	52	6	23	♒	38	♍	13	12 58
2	6						6	50	6	24		39			01 50
3	7						6	48	6	25		39	♎	10	02 41
4	G	☌ ♄ ☽					6	47	6	26		40			03 32
5	2						6	47	6	27		41	♏	8	04 24
6	3			☽ Perig.			6	46	6	28		41			05 15
7	4	□ ♆ ♀					6	44	6	29		42	♐	7	06 07
8	5						6	42	6	00	♓	42			06 58
9	6	☌ ☉ ♄					6	40	6	01		42	♑	5	07 50
10	7				☽	☊	6	39	6	02		43			08 41
11	☉	♄ in 2 Deg. ♑					6	37	6	03		43	♒	3	09 32
12	2	♆ in 15 Deg. ♎					6	37	6	04		44			10 24
13	3	♂ in 19 Deg. ♎					6	36	6	05		44	♓	1	11 15
14	4	♀ in 21 Deg. ♈					6	35	6	06		44			12 00
15	5	♀ in 21 Deg. ♒ ♂ Direct					6	34	6	07		44			12 45
16	6						6	33	6	08		45	♈	9	01 30
17	7						6	30	6	09		45			02 15
18	G	△ ♄ ☽					6	29	6	10		45	♉	4	03 00
19	2						6	28	6	11		45			03 45
20	3			☽ Apog.			6	27	6	12		45			04 30
21	4						6	26	6	13		45	♊	10	05 15
22	5						6	24	6	14		45			06 00
23	6	☌ ♆ ☽					6	22	6	15		45	♋	3	06 45
24	7				☽	♍	6	20	6	16		45			07 30
25	G	♆ Direct.					6	19	6	17		45			08 15
26	2						6	17	6	18		45	♌	11	09 00
27	3	Superiour Court Plimouth					6	16	6	19		45			09 45
28	4	Spring Tides Rise					6	14	6	20		45	♍	8	10 30

March hath 31 dayes.

Full Moon 1 day 36 *min.* paſt 11 beforen.
Laſt Quarter 8 day 3 *min.* paſt 5 morn.
New Moon 15 day 4 *min.* paſt 1 aftern.
Firſt Quarter 23 day 15 *min.* paſt 3 aftern.
Full Moon 30 day 54 *min.* paſt 9 night.

M.W. Plan. Aſp. Courts &c. R.☉S.☉ pl.☽ pl. H.Wat

1	5	C. Court Hartford			6	13	6	21	♓	44			11	15
2	6				6	11	6	22		44	♎	6	12	06
3	7	△ ♂ ☿ ☌ ☽ ♀			6	10	6	23		44			12	58
4	G				6	09	6	24		43	♏	5	01	50
5	2	♀ Occidental.	☽ Perigæon		6	07	6	25		43			02	41
6	3	Qu. Seſſi. Boſton, and North			6	05	6	26		43	♐	3	03	32
7	4		(hampton.		6	04	6	27		42			04	24
8	5	☌ ☽ ♂			6	03	6	28		42	♑	1	05	15
9	6	□ ♄ ♀	☽ ☍		6	01	6	29		41			06	07
10	7				6	00	6	00	♈	41			06	58
11	G				5	59	7	01		40	♒	13	07	50
12	2				5	57	7	02		40			08	41
13	3	Qu. Seſſi. Charleſtown and C.			5	56	7	03		39	♓	9	09	32
14	4	♀ Retrograde	(C. Fairfield		5	55	7	04		38			10	24
15	5				5	53	7	05		37	♈	5	11	15
16	6	♄ in 3 Deg. ♑			5	52	7	06		37			12	03
17	7	♃ in 15 Deg ♍			5	50	7	07		36	♉	0	12	51
18	G	♂ in 24 Deg ♍			5	48	7	08		35			01	39
19	2	☿ in 2 Deg ♌			5	46	7	09		34			02	27
20	3	☿ in 25 Deg ♈	Qu Seſſi.		5	44	7	10		33	♊	6	03	15
21	4		(Plimouth	☽ Apog	5	43	7	11		32			04	03
22	5				5	41	7	12		31			04	51
23	6	☌ ☿ ♀	☽ ♆		5	40	7	13		30	♋	11	05	39
24	7				5	39	7	14		29			06	27
25	G				5	38	7	15		28	♌	6	07	15
26	2				5	37	7	16		27			08	03
27	3	Qu. Seſſi. Ipſwich, & Gen.			5	36	7	17		26	♍	2	08	51
28	4	Seſſi Martha's Vinyard &			5	34	7	18		25			09	39
29	5	Spring Tides Riſe (Nantuket			5	33	7	19		23	♎	0	10	27
30	6		□ ♆ ☽		5	31	7	20		22			11	15
31	7				5	30	7	21		21			12	03

April hath 30 dayes.

Last Quarter 6 day 13 *min.* after-noon.
New Moon 14 day 29 *min.* past 4 morn.
First Quarter 22 day 28 *min.* past 7 morn.
Full Moon 29 day 36 *min.* past 5 morn.

M.	*W.*	*Plan. Asp. Courts &c.*	*R.*	☉	*S.*	☉	*pl.*	☽	*pl.*	*H.*	*W.*
1	G		5	28	7	22	♈ 19	♏	14	12	51
2	2	♄ Retrograde. ☽ Perig.	5	27	7	23	18			01	39
3	3	Qu. Se Brans. & York S.T.	5	26	7	24	17	♐	14	02	27
4	4	♂ ☉ ♀ & ♀ Oriental (Fall	5	24	7	25	15			03	15
5	5	☍ ♆ ☽ ☽ ☊		23	7	26	14	♑	12	04	03
6	6		5	22	7	27	12			04	51
7	7	□ ☽ ☿	5	20	7	28	11	♒	9	05	39
8	G		5	18	7	29	09			06	27
9	2		5	17	7	00	♉ 07	♓	6	07	15
10	3	Qu Sessi. Bristol. ☿ Retrog	5	16	7	01	05			08	03
11	4	♄ in 3 Deg. ♑	5	15	7	02	03	♈	1	08	51
12	5	♆ in 17 Deg. ♋	5	14	7	03	01			09	39
13	6	♂ in 2 Deg. ♌	5	13	7	03	59			10	27
14	7	♀ in 18 Deg. ♈	5	11	7	04	57	♉	8	11	15
15	G	☿ in 14 Deg. ♉	5	10	7	05	55			12	03
16	2	☽ Apog.	5	09	7	06	53	♊	2	12	51
17	3		5	07	7	07	51			01	39
18	4	☍ ♄ ☽	5	06	7	08	49			02	27
19	5		5	04	7	09	47	♋	8	03	15
20	6	♂ ☉ ♀ ♂ ♃ ☽ ☽ ☋	5	03	7	10	45			04	03
21	7	☿ Oriental	5	02	7	11	44	♌	2	04	51
22	G		5	01	7	12	41			05	39
23	2		5	00	7	13	39			06	27
24	3	Superiour Court Boston	4	59	8	14	37	♍	10	07	15
25	4		4	57	8	15	35			08	03
26	5	♀ Direct.	4	56	8	16	33	♎	8	08	51
27	6	Spring Tides Rise	4	55	8	17	31			09	39
28	7		4	54	8	18	30	♏	8	10	27
29	G	Very High Tides	4	53	8	19	28			11	15
30	2	✱ ☉ ♃ ☽ Perig.	4	52	8	20	26	♐	8	12	06

May hath 31 dayes.

Laſt Quarter 5 day 25 *min.* paſt 9 night.
New Moon 13 day 4 *min.* paſt 8 night.
Firſt Quarter 21 day 34 *min.* paſt 8 night.
Full Moon 28 day 19 *min.* paſt 1 aftern.

M.W.	*Plan.*	*Aſp.*	*Courts &c.*	*R*	☉ *S.*	☉ *pl.*	☽ *pl.*	*H.W.*
1	3			4	51	8	21 ♉	24			12	58
2	4		Spring Tides Fallen	☌♄	4	50	8	22	22 ♍	8	01	50
3	5		☿ Direct		4	49	8	23	19		02	41
4	6				4	48	8	24	17 ♎	6	03	32
5	7				4	47	8	25	15		04	24
6	G				4	46	8	26	12 ♓	3	05	15
7	1				4	45	8	27	10		06	07
8	3		Superiour Court Ipſwich		4	44	8	28	07		06	58
9	4				4	43	8	29	05 ♈	11	07	50
10	5		Court ELECT. Hartford		4	42	8	00 ♊	02		08	41
11	6				4	41	8	01	00 ♉	5	09	32
12	7	□☌☽	✶☿☽		4	40	8	01	57		10	24
13	G			☽ Apog.	4	39	8	02	55		11	15
14	2				4	39	8	03	52 ♊	11	12	03
15	3				4	38	8	04	50		12	51
16	4	♄ in 2 Deg.	♒	☽☍♆	4	37	8	05	47 ♋	5	01	39
17	5	♃ in 23 Deg.	♋		4	36	8	06	44		02	27
18	6	♂ in 20 Deg.	♌		4	35	8	07	42		03	15
19	7	♀ in 25 Deg.	♈		4	34	8	08	39 ♌	11	04	04
20	G	☿ in 16 Deg.	♉		4	33	8	09	37		04	57
21	2				4	33	8	10	34 ♍	6	05	39
22	3				4	32	8	11	31		06	27
23	4				4	31	8	12	28 ♎	3	07	15
24	5	✶	☌ ☽		4	31	8	13	25		08	03
25	6				4	30	8	14	23 ♏	1	08	51
26	7	Spring Tides Riſe			4	30	8	15	20		09	39
27	G	□ ☌ ☿			4	29	8	16	17 ♐	11	10	27
28	2	Very High		☽ Perig.	4	29	8	17	14		11	15
29	3	Court Aſſiſt. Hartford			4	28	8	18	1 ♑	2	12	03
30	4	General Court ELECTION			4	28	8	19	09		12	15
31	5		(BOSTON.		4	28	8	20	06 ♒	10	01	39

June hath 30 dayes.

Last Quarter 4 day 51 *min.* past 8 morn
New Moon 12 day 45 *min.* past 10 morn
First Quarter 20 day 45 *min.* past 6 morn
Full Moon 26 day 14 *min.* past 7 night.

M.W.	*Plan. Asp. Courts &c.*	*R.*	☉ *S.*	☉ *pl.*	☽ *pl.*	*H.W*
1 6		4 28	8 21 ♊	03		02 27
2 7	♃ ♂ ☽	4 27	8 22	00		03 15
3 G		4 27	8 22	57 ♓	12	04 03
4 2	Artill. ELECT. BOSTON.	4 27	8 23	54		04 51
5 3	Qu. Sessi. Boston, & North	4 27	8 24	51 ♈	8	05 39
6 4	(hampton. & C. New London	4 27	8 25	48		06 27
7 5		4 26	8 26	46 ♉	2	07 15
8 6	✶ ♅ ☽	4 26	8 27	43		08 03
9 7		4 26	8 28	40		08 51
10 G	☽ Apog	4 26	8 29	37 ♊	8	09 39
11 2		4 26	8 00 ♋	34		10 27
12 3	Qu. Sessi. Concord. ☉ Eclips	4 26	8 01	31 ♋	2	11 15
13 4	♄ in 0 Deg. ♍ (ed Visible	4 26	8 02	28		12 06
14 5	♐ in 29 Deg. ♋	4 26	8 03	25		12 58
15 6	♂ in 5 Deg. ♏	4 26	8 04	22 ♌	8	01 50
16 7	♀ in 19 Deg. ♉	4 27	8 05	19		02 41
17 G	☿ in 4 Deg. ♋	4 27	8 06	16 ♍	3	03 32
18 1		4 27	8 07	13		04 24
19 5	On. Sessi. Plimouth	4 27	8 08	10		05 15
20 6	♂ ☉ ♀ Occidentall	4 28	8 09	07 ♎	12	06 07
21 7		4 28	8 10	05		06 58
22 6	✶ ♂ ☽ △ ☿ ☽	4 28	8 11	02 ♏	10	07 50
23 7	Spring Tides Rise	4 28	8 11	59		08 41
24 G	☽ Perig	4 28	8 12	56 ♐	10	09 32
25 2	☽ ☌ ♄	4 29	8 13	53		10 24
26 3	Qu. Sessi. Salem.	4 29	8 14	50 ♑	10	11 15
27 4	Spring Tides Fall	4 30	8 15	47		12 04
28 5		4 31	8 16	44 ♒	10	12 45
29 6		4 31	8 17	41		01 30
30 7	♂ ♅ ☿ ♃ ♂ ☽	4 32	8 18	38 ♓	8	02 15

July hath 31 dayes.

Last Quarter 3 day 32 *min.* past 10 night
New Moon 12 day 29 *min.* past 1 morn.
First Quarter 19 day 24 *min.* past 1 aftern
Full Moon 26 day 13 *min.* past 4 morn.

M.W.	*Plan.*	*Asp.*	*Courts &c.*	*R.*	☉	*S.*	☉	*pl.*	☽	*pl.*	*H.*	*W.*
1	G			4	32	8	19	♋	35		03	00
2	2			4	32	8	20		32	♈ 4	03	45
3	3	Qu. Sessi, Barnstable, and		4	34	8	21		30		04	30
4	4	COMMENCEMENT (York		4	34	8	22		27		05	15
5	5			4	35	8	23		24	♉ 10	06	00
6	6			4	36	8	24		21		06	45
7	7	✱ ♃ ☽	♂ ♀ ☽	4	37	8	25		18	♊ 5	07	30
8	G	☽ Apog		4	37	8	26		15		08	15
9	2			4	38	8	27		12		09	00
10	3	Qu. Sessi. Bristol	☽ ☋	4	39	8	28		10	♋ 10	09	45
11	4			4	40	8	29		07		10	30
12	5	♄ in 28 Deg.	♐	4	41	8	00	♌	04	♌ 5	11	15
13	6	♃ in 5 Deg.	♌	4	41	8	01		01		12	06
14	7	♂ in 23 Deg.	♍	4	43	8	01		58	♍ 0	12	58
15	G	♀ in 19 Deg	♊	4	44	8	02		56		01	50
16	2	☿ in 28 Deg.	♌	4	45	8	03		53		02	41
17	3			4	46	8	04		50	♎ 9	03	32
18	4	☌ ☉ ♃ & ♃ Orientall		4	47	8	05		48		04	24
19	5	DOG DAYS BEGIN		4	48	8	06		45	♏ 6	05	15
20	6			4	49	8	07		42		06	07
21	7			4	51	8	08		40	♐ 4	06	58
22	G	□ ♂ ♀ □ ♄ ♂ ☽ Perig.		4	52	8	09		37		07	50
23	2			4	52	8	10		34	♑ 4	08	41
24	3	Tides Pretty High about		4	53	8	11		32		09	32
25	4	☍ ♃ ☽ this Time		4	54	8	12		29	♒ 3	10	24
26	5			4	55	8	13		27		11	15
27	6			4	56	8	14		24	♓ 2	12	03
28	7			4	58	8	15		22		12	51
29	G	☍ ♂ ☽ □ ♀ ☽		4	59	8	16		19		01	39
30	2			5	00	7	17		17	♈ 12	02	27
31	3	Superiour Court Charlstown		5	01	7	18		14		03	15

Auguſt hath 31 dayes.

Laſt Quarter 2 day 27 *min.* paſt 2 aftern.
New Moon 10 day 50 *min.* paſt 2 aftern.
First Quarter 17 day 35 *min.* paſt 6 night.
Full Moon 24 day 53 *min.* paſt 1 aftern.

M.W.	*Plan.*	*Aſp.*	*Courts &c.*	*R.*	☉ *S.*	☉ *pl.*	☽ *pl.*	*H.W.*
1	4			5	02	7 19 ♌ 12	04	03
2	5			5	03	7 20 09	04	51
3	6	□ ♆ ☽	△ ♂ ☽	5	05	7 21 07 ♍ 1	05	39
4	7		Apog.	5	06	7 22 05	06	27
5	G	☌ ♄ ☽		5	07	7 23 02	07	15
6	2		☽ ☍ ♆	5	08	7 24 00 ♎ 7	08	03
7	3	No Very High Tides this		5	09	7 24 58	08	51
8	4		(Month	5	11	7 25 55 ♌ 1	09	39
9	5	△ ☉ ♄		5	12	7 26 53	10	27
10	6	♄ Occidental	☌ ☉ ♄	5	14	7 27 51	11	15
11	7	♄ in 27 Deg.	♑	5	15	7 28 49 ♍ 9	12	06
12	G	♆ in 12 Deg.	♌	5	17	7 29 47	12	58
13	2	♂ in 12 Deg	♋	5	18	7 00 ♍ 45 ♎ 6	01	50
14	3	♀ in 24 Deg	♎	5	19	7 01 43	02	41
15	4	☿ in 28 Deg. ♍	& Retrog	5	20	7 02 41 ♏ 3	03	32
16	5			5	22	7 03 39	04	24
17	6			5	24	7 04 37 ♑ 1	05	15
18	7	✱ ♂ ☽	☽ Perig.	5	25	7 05 35	06	07
19	G			5	27	7 06 33	06	58
20	2		☽ ☌ ♋	5	28	7 07 31 ♒ 13	07	50
21	3	♄ Direct.		5	29	7 08 29	08	41
22	4			5	30	7 09 27 ♒ 12	09	32
23	5			5	31	7 10 25	10	24
24	6			5	32	7 11 23 ♓ 10	11	15
25	7			5	34	7 12 22	12	00
26	G	☌ ☉ ☿	Oriental	5	35	7 13 20 ♈ 7	12	45
27	2	DOG DAYS END		5	37	7 14 18	01	30
28	3	Superiour	Court Briſtol	5	39	7 15 17 ♉ 3	02	15
29	4			5	41	7 16 15	03	00
30	5			5	42	7 17 14	03	45
31	6			5	43	7 18 12 ♊ 9	04	30

September hath 30 dayes.

Last Quarter 1 day 18 *min.* past 8 morn.
New Moon 9 day 33 *min.* past 3 morn.
First Quarter 16 day 24 *min.* past 12 morn.
Full Moon 23 day 31 *min.* past 2 morn.

M.W. Plan. Asp. Courts &c. R.☉S. ☉pl. ☽pl. H.W.

1	7			☽ Apog	5	44	7	19	♍	10				05	15
2	G	♂ ☿ ♀			5	45	7	20		09	♋	3	06	00
3	2			☽ ♆	5	47	7	21		08			6	45
4	3	Qu. Sessi. Boston			5	49	7	22		06			07	30
5	4	♀ Direct			5	50	7	23		05	♌	9	08	15
6	5	C. Court Hartford			5	52	7	24		03			09	00
7	6				5	53	7	25		02	♍	4	09	45
8	7				5	54	7	26		01			10	30
9	G	□ ☉ ♄	Tides Pritty High		5	56	7	27		00	♎	1	11	15
10	2				5	57	7	27		58			12	06
11	3	Qu Sessi. Cambridge			5	58	7	28		57			12	58
12	4	♄ in 27 Deg.	♑		5	59	7	29		56	♏	13	01	50
13	5	♆ in 18 Deg.	♌		6	00	7	30	♎	55			02	41
14	6	♂ in 3 Deg.	♏		6	03	8	01		54	♑	12	03	32
15	7	☿ in 2 Deg.	♍	☽ Perig	6	04	8	02		53			04	24
16	G	♀ in 18 Deg.	♍		6	05	8	03		52	♒	10	05	15
17	2				6	06	8	04		51			06	07
18	3	Qu. Sessi. Plimouth, & C			6	07	8	05		50	♒	8	06	58
19	4	(New London,			6	09	8	06		49			07	50
20	5				6	11	8	07		48	♓	5	08	41
21	6				6	12	8	08		48			09	32
22	7	□ ♄ ☿			6	13	8	09		47	♈	2	10	24
23	G	△ ♆ ☽			6	15	8	10		46			11	15
24	2				6	16	8	11		45			12	03
25	3	Qu. Sessi. Newbury and			6	17	8	12		45	♉	11	12	51
26	4	(Springfield			6	18	8	13		44			01	39
27	5	△ ♀ ☽			6	19	8	14		43	♊	5	02	27
28	6				6	20	8	15		43			03	15
29	7	☽ ♆ ☽	Apog		6	23	8	16		43			04	03
30	G				6	25	8	17		32	♋	11	04	51

October hath 31 dayes.

Laſt Quarter 1 day 7 *min.* paſt 3 morn.
New Moon 8 day 55 *min.* paſt 2 aftern.
Firſt Quarter 15 day 11 *min.* paſt 6 morn.
Full Moon 22 day 57 *min.* paſt 5 aftern.
Laſt Quarter 30 day 59 *min.* paſt 9 night.

M.W. Plan. Aſp. Courts &c. R.☉S. ☉pl. ☽pl. H.W.

1	2					6	26	6	18	♎	42			05 39
2	3	Qu Seſſi. Barnſtable & Wells				6	28	6	19		41	♌	5	06 27
3	4	(& G. Seſ. at Martha's				6	29	6	20		41			07 15
4	5	Vinyard & Nantuket.				6	30	6	21		41			08 03
5	6					6	33	6	22		40	♍	12	08 51
6	7	✱ ♆ ♇		☌ ☽ ♀		6	34	6	23		40			09 39
7	G	Spring Tides Riſe				6	35	6	24		40	♎	10	10 27
8	1	☌ ☉ ♀ Occidental				6	37	6	25		40			11 15
9	2	Qu. Seſ. Briſtol.				6	39	6	26		40	♏	8	12 06
10	3					6	40	6	27		39			12 58
11	4	♄ in 29 Deg	♑			6	41	6	28		39	♑	8	01 50
12	5	♆ in 23 Deg	♌	☽ Perig		6	42	6	29		39			02 41
13	6	☌ in 23 Deg	♏			6	43	6	00	♏	39	♒	7	03 32
14	G	♀ in 8 Deg.	♎			6	44	6	01		39			04 24
15	1	♀ in 7 Deg.	♏			6	45	6	02		39	♒	5	05 15
16	2					6	47	6	03		39			06 07
17	3					6	48	6	04		40	♓	2	06 58
18	4					6	49	6	05		40			07 50
19	5	□ ♄ ♑		△ ☌ ☽		6	50	6	06		40			08 41
20	6					6	51	6	07		40	♈	11	09 32
21	7					6	53	6	08		40			10 24
22	G					6	54	6	09		41	♉	7	11 15
23	1	□ ♆ ☽				6	55	6	10		41			12 00
24	2					6	56	6	11		41	♊	1	12 45
25	3					6	58	6	12		42			01 30
26	4	□ ♆ ♀	☽ ♅	◑ Apog.		7	00	5	13		42			02 15
27	5					7	01	5	14		43	♋	7	03 00
28	6	✱ ♈ ♌				7	02	5	15		43			03 45
29	7					7	03	5	16		44	♌	1	04 30
30	G	Saperiour Court BOSTON				7	05	5	17		44			05 15
31	1					7	06	5	18		45			06 00

November hath 30 dayes.

New Moon 7 day 43 *min.* past 1 morn.
First Quarter 13 day 9 *min.* past 4 aftern.
Full Moon 21 day 5 *min.* afternoon
Last Quarter 29 day 37 *min.* past 3 aftern.

M.W.	*Plan.*	*Asp.*	*Courts &c.*	*R.*	☉	*S.*	☉	*pl.*	☽	*pl.*	*H.W.*		
1	5	✱ ♄ ♀		7	07	5	19	♏	45	♍	7	06	45
2	6			7	08	5	20		46			07	30
3	7	✱ ♂ ☽	✱ ☿ ☽	7	09	5	21		46	♎	4	08	15
4	G			7	11	5	22		47			09	00
5	2			7	12	5	23		48	♏	2	09	45
6	3	Courtat Fairfield. Sp Tides		7	13	5	24		49			10	30
7	4	High Tides	□ ☉ ♃ Rise	7	14	5	25		49	♐	2	11	15
8	5	☌ ♂ ☿	☽ ☊	7	15	5	26		50			12	06
9	6		☊ Perig	7	16	5	27		51	♑	2	12	58
10	7	Spring Tides Fall		7	17	5	28		52			01	50
11	G			7	18	5	29		53	♒	1	02	41
12	2	□ ♀ ☽		7	19	5	00	♐	53			03	32
13	3	Superiour Court Salem		7	20	5	01		54			04	24
14	4	County Court Newhaven.		7	21	5	02		55	♓	12	05	15
15	5			7	21	5	03		56			06	07
16	6	♄ in 2 Deg. ♑		7	22	5	04		57	♈	8	06	58
17	7	♃ in 26 Deg. ♌		7	23	5	05		58			07	50
18	G	♂ in 20 Deg. ♐		7	24	5	06		59	♉	3	08	41
19	2	♀ in 23 Deg. ♏		7	25	5	08		00			09	32
20	3	☿ in 29 Deg. ♐		7	25	5	09		01			10	24
21	4			7	26	5	10		02	♊	10	11	15
22	5	□ ♃ ♀		7	27	5	11		03			12	03
23	6		☽ Apog	7	27	5	12		04	♋	4	12	51
24	7	☌ ♄ ☿		7	28	5	13		05			01	39
25	G			7	29	5	14		07			02	27
26	2			7	29	5	15		08	♌	9	03	15
27	3	△ ♃ ♂		7	30	5	16		09			04	03
28	4			7	31	5	17		10	♍	4	04	51
29	5			7	32	5	18		11			05	39
30	6			7	32	5	19		12			06	27

December hath 31 dayes

New Moon 6 day 6 *min.* after noon.
First Quarter 13 day 43 *min.* past 5 morn.
Full Moon 21 day 31 *min.* past 7 morn.
Last Quarter 29 day 54 *min.* past 6 morn.

M.W.	*Plan.*	*Asp.*	*Courts &c.*	*R.*	☉	*S.*	☉	*pl.*	☽	*pl.*	*H.W.*
1	7	♃	Retrograde	7	32	5	20	⊼ 13	♎	12	07 15
2	G			7	32	5	21	15			08 03
3	2			7	33	5	22	16	♏	10	08 51
4	3	Qu. Sessi, Boston		7	33	5	23	17			09 39
5	4	♀	Retrograde. Sp Tides Rise	7	33	5	24	18	⊼	10	10 27
6	5	☉	Eclipsed Invisible ☽☊	7	33	5	25	19			11 15
7	6		Tides Very High ☽ Perig	7	34	5	26	20	♑	10	12 03
8	7	△	☉ ♃	7	34	5	27	22			12 51
9	G		☌ ♄ ♂	7	34	5	28	23	♒	10	01 39
10	2			7	34	5	29	25			02 27
11	3	Qu. Sessi, Charlestown		7	34	5	00	♑ 26	♓	9	03 15
12	4	♄	in 5 Deg. ♑ ☌☉♀ Or	7	34	5	01	27			04 02
13	5	♃	in 26 Deg. ♌	7	34	5	02	28	♈	5	04 51
14	6	♂	in 9 Deg ♑	7	34	5	03	30			05 39
15	7	♀	in 26 Deg ⊼	7	34	5	04	31	♉	0	06 27
16	G	♀	in 26 Deg ⊼ ☌☉♄ Or	7	33	5	05	32			07 15
17	2			7	33	5	06	34			08 03
18	3	Qu. Sessi. Plimouth		7	33	5	07	35	♊	7	08 51
19	4			7	32	5	08	36			09 39
20	5	☽	☋ ● Apog	7	31	5	09	38	♋	1	10 27
21	6			7	31	5	10	39			11 15
22	7			7	31	5	11	40			12 03
23	G	♀	Direct	7	31	5	12	41	♌	6	12 51
24	2			7	30	5	13	42			01 39
25	3	Qu. Sessi, Salem, & Spring		7	29	5	14	44	♍	1	02 27
26	4		(field	7	29	5	15	45			03 15
27	5			7	28	5	16	47			04 03
28	6			7	28	5	17	48	♎	8	04 51
29	7	△ ♃ ♀	□ ♂ ☽	7	27	5	18	49			05 39
30	G			7	27	5	19	50	♏	5	06 27
31	2			7	26	5	20	51			07 15

Of the **Eclipses** *which will happen this Year*

1694.

THE Inhabitants of this Terreſtriall Globe may this Year Obſerve Four Eclipſes, *viz*, Two of the Sun, and two of the Moon. The firſt in order will be of the Moon on the 1*ſt*. of **January** in the Morning, whereof the greateſt part may be ſeen by us. The end of it, by reaſon the Sun will be up and the Moon down about half an hour before it happens, will not be Viſible here.

According to Calculation its

Beginning will be Jan. 1*ſt*. 36.*min*. p. 5. morn.
Middle ---------- 46.*min*. p. 6. morn.
End ---------- 55.*min*. p. 7. morn.
Total Duration --- 2.*hour*. 19.*min*. -----
Digits Eclipſed, 4. *Dig*. 4.*min*.

The Second will be a very great one of the Sun on the 12. day of **June** in the beginning of *Cancer*, and Viſible to us.

Time of Incidence 1.*h*.40.*min*.
Time of Repletion. 1.*h*.48.*min*.
Total Duration - 3.*h*.28.*min*.
Thus Calculated *Beginning* - 9.*h*.8.*min*. } Ante meri.
Middle 10.*h*.48.*min*
End ---------- 12.*h*.36.*min*.
Digits Eclipſed. 10.42.*min*.

The Third will be of the Moon on the 26. of **June** about Sun ſet, it will be an exceeding ſmall Eclipſe and hardly diſcernible by us, if any where elſe.

The Fourth and laſt will be of the Sun on the 6. of **December** about our Noon, but Inviſible to us by reaſon at the time of the viſible *Conjunction*, the Moons viſible *Latitude* will exceed the Sum of the *Semediameters* of the *Sun & Moon* near 20. *minutes*.

A Postcript Concerning the Tides, Weather, &c.

THE time of High-water Noted in the precedin Kalendar is Calculated according to the usual Tide Tables, which though they may plead Prescription and Common usage, yet may not pretend to Exactness, the Opinions on which they are Grounded being very Erronious. And they are Cheifly two, To wit, that when the Moon is upon such a set point of the Compass it is High Water in such and such places at all times of the Moon, and that the Diurnal Motion and Returns of the Moon to such a set Point are altogether Equal. Hence having found out what time it is high water in any place on the day of the Change or Full of the Moon, 48 minutes are prescribed to be allowed for every days Age of the Moon. But it hath been found by frequent and accurate Observations, that at LONDON, the Tides fall out two points or an hour & half sooner in the Quarters, then in the New & Full Moon, and it is very probable there is some such difference here, though perhaps not so great. But however that may be, its most certain the Moon moovs much swifter at some times then at other, in her Perigee Running 15 Degrees in a day, and in her Apogee sometime not going twelve, and Consequently may return to the Meridian or any set point, near a Quarter of an hour sooner when She is Apogeon, then She would if She were Perigæon. This inæquality of the Moons motion is very Observable in the difference that there is between one New & Full Moon & another, the distance in time between some being not above 13 dayes, & a half, & between others near 15 dayes & a half. But in order to the correcting & stating the times of the Tides Exactly, it is necessary that very curious & criticall Observations of them be made in some convenient place at all times of the Moon, for several Months at least together; & that the Observer be furnished with a good Pendulum watch well adjusted for the determining of the time, and with some ingenious Machin or other that shall discover the most Minute Rising or falling of the water. Till this is done, may the common accounts of High-water suffice.

As for the Weather & other Astrologicall Prædictions, they being but conjectural & serving onely to Delude & Amuse the Vulgar, the Rules whereon they are built being very Arbitrary & fallible, They are therefore here purposely omitted, as not fitting to be Joyned with Astronomicall Certainties.